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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/643747
	Filing Date	August 18, 2003
	First Named Inventor	Mark A. Reed
	Art Unit	1626
	Examiner Name	R. R. Waller
Total Number of Pages in This Submission	Attorney Docket Number	YU-P07-002

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Amendment Transmittal Letter (1 page)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	ROPES & GRAY LLP Wolfgang E. Stutius - 40,256
Signature	
Date	October 27, 2004

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I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: <u>October 28, 2004</u>	Signature: Judith A. Herrick



AMENDMENT TRANSMITTAL LETTER			Docket No. YU-P07-002
Application No. 10/643747	Filing Date August 18, 2003	Examiner R. R. Waller	Art Unit 1626

Applicant(s): Reed et al.

Invention: SUB-NANOSCALE ELECTRONIC DEVICES AND PROCESSES


TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	14	- 14 =		x	0.00
Independent Claims	1	- 1 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

- ☐ Large Entity ☒ Small Entity
- ☒ No additional fee is required for this amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ to cover the filing fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 18-1945
as described below. A duplicate copy of this sheet is enclosed.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

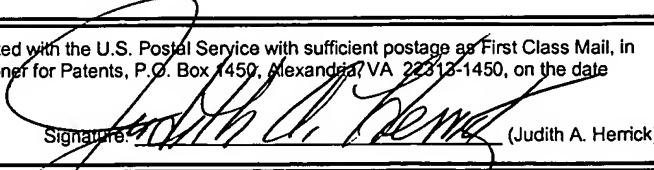

Wolfgang E. Stutius
Attorney Reg. No.: 40,256

Dated: October 27, 2004

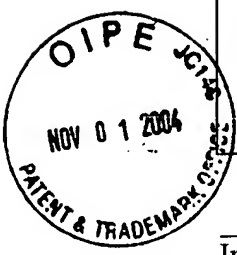
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Date: October 28, 2004 Signature:  (Judith A. Herrick)

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Dated: October 28, 2004 Signature: *Judith Hemick*
(Judith Hemick)

Docket No.: YU-P07-002
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Reed et al.

Confirmation No.: 4089

Application No.: 10/643747

Art Unit: 1626

Filed: August 18, 2003

Examiner: R. R. Waller

For: SUB-NANOSCALE ELECTRONIC DEVICES
AND PROCESSES

AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated September 9, 2004 (Paper No. 10643747), please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.